

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of claims:

1. (Currently amended) A functional cornstalk board comprising cornstalk, silicate, and a curing agent; wherein the cornstalk is 6-10 parts by weight and the silicate is 0.2-2 parts by weight, and the curing agent is 1 to 10 parts by weight ~~of a curing agent~~, based on 100 parts by weight of the ~~mixtures~~ mixture of 6 to 10 parts by weight of the cornstalk and 0.2 to 2 parts by weight of a binder ~~or the~~ silicate.
2. (Canceled)
3. (Currently amended) The functional cornstalk board according to claim 1, wherein the curing agent is at least one selected from the group consisting of ammonium hydroxide, ammonium chloride, magnesium chloride, ~~aluminum~~ aluminium chloride and ammonium phosphate.
4. (Currently amended) A method for preparing the functional cornstalk board as defined in said claim 1, comprising steps of: mixing of grinded cornstalk with ~~binder or~~ silicate; adding a curing agent to the resultant mixture to prepare a raw material; and molding the prepared raw material at a molding temperature of 120 to 210°C and a molding pressure of 10 to 30,000 kg /cm for a molding time of 0.5 to 20 minutes in a semiautomatic or multistage automatic heat press device.
5. (Canceled)
6. (Currently amended) A functional cornstalk board of claim 1, further comprising 2 to 10 parts by weight of each of a phosphoric acid-including flame retardant ~~such as triethylphosphate, etc.,~~ a halide-including flame retardant ~~such as bromotriallylphosphate,~~

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~~etc., a sulfur-including flame retardant such as sulfamic acid, etc., an inorganic flame retardant such as ammonium borate, phosphoric acid, sodium silicate, calcium carbonate, titanium oxide, etc., and an electromagnetic shielding component such as alkaline metal salts, alkaline earth metal salts, graphite, activated carbon, carbon fibers, etc., based on 6 to 10 parts by weight of the cornstalk.~~